Index of Claims

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09/912,848

Examiner

Harish T. Dass

Applicant(s)/Patent under Reexamination

POWELL ET AL.

Art Unit

3693

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|--|----------|----------|--------------|----------|----------|------------|----------|--------------|--|---|----------|----------|----------|--------------|------------|----------|----------|------------|--|----------|---------------|----------|----------|----------|----------------|--------------|---|------------------|-----------|-----------------|----------|----------|
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| 1  | Final    | Original | 9/25/06      |          |          |            |          |              |  |   |          | Final    | Original |              |            |          |          |            |  |          |               |          | Final    | Original |                |              |   |                  |           |                 |          |          |
| 2   3   3   4   52   52   53   53   103   103   104   55   4   55   5   56   57   56   57   57   57  | -        |          | ./           | _        | -        | $\vdash$   | ┝        | $\vdash$     | $\vdash$   | -   | $\dashv$ |          | l        |              | -          | Н        |          | $\dashv$   | $\dashv$   | _        | -             | -        | -        |          |                | ╫            | ╁   | ┝                | ⊢         | $\vdash$        |          | -        |
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| 55   |          |          |              | $\vdash$ |          |            |          | $\vdash$     |  |   | $\dashv$ | -        |          | $\vdash$     | _          |          | $\dashv$ | $\dashv$   | $\dashv$   | $\dashv$ | $\dashv$      | $\dashv$ | -        |          | -              | +-           | ╁   | ╁                |           | H               | $\dashv$ |          |
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| 17 √     18     68     117     118     118     118     118     118     118     118     119     118     119     120     121     120     121     121     122     121     121     121     122     122     122     122     123     124     124     124     124     124     124     124     124     125     126     127     127     127     127     127     127     127     127     127     127     127     127     127     128     129     130     130     131     130     131     130     131     130     131     130     131     130     133 <td><math>\vdash</math></td> <td></td> <td></td> <td><math>\vdash</math></td> <td>-</td> <td><math>\vdash</math></td> <td>⊢</td> <td><math>\vdash</math></td> <td><math>\vdash</math></td> <td><math>\vdash</math></td> <td></td> <td>-</td> <td>65</td> <td><u> </u></td> <td>H</td> <td></td> <td></td> <td>-</td> <td><math>\dashv</math></td> <td>-+</td> <td>-+</td> <td></td> <td>-</td> <td></td> <td><math>\dashv</math></td> <td>+</td> <td><math>\vdash</math></td> <td><math>\vdash</math></td> <td>-</td> <td> </td> <td><math>\dashv</math></td> <td><math>\dashv</math></td>  | $\vdash$ |          |              | $\vdash$ | -        | $\vdash$   | ⊢        | $\vdash$     | $\vdash$   | $\vdash$  |          | -        | 65       | <u> </u>     | H          |          |          | -          | $\dashv$   | -+       | -+            |          | -        |          | $\dashv$       | +            | $\vdash$  | $\vdash$         | -         |                 | $\dashv$ | $\dashv$ |
| 18   19   68   118   119   119   120   120   120   120   121   121   122   122   122   122   122   122   122   122   122   122   122   123   123   123   124   124   124   124   124   124   125   125   125   125   125   125   126   127   127   128   129   129   129   130   131   131   131   131   131   131   133   132   133<  |          |          | \<br>\       |          |          | <u> </u>   |          |              | _  | -   | _        |          |          |              | Н          |          | $\dashv$ | $\dashv$   | $\dashv$   | -        | $\dashv$      | _        | <b>-</b> | 110      | +              | +            | -   | -                | -         | H               | -        | _        |
| 19   | -        |          | ~            | H        | _        | ⊢          | _        | _            | _  |   |          | -        |          |              | Н          |          | $\dashv$ | -          |  | -+       |               |          | -        | 117      | -              | +            | -   | <u> </u>         | _         | -               | $\dashv$ | _        |
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| 21     71     72     121     122     122     123     124     124     124     124     124     124     124     125     126     126     126     126     126     126     126     127     127     127     127     127     128     128     129     129     130     130     130     130     130     130     131     131     131     131     131     131     131     132     132     132     132     132     132     133     134     134     134     134     134     134     134     135     136     136     137     137     137     137     137     138     139     139     143     144     144     144   | -        |          | -            |          |          | <u> </u>   | -        | <u> </u>     | <u> </u>   |   |          |          | 69       | L            |            |          | _        | -          |  | -        | _             |          |          | 119      | _              | +            | -   | ļ                | $\vdash$  | <u> </u>        | _        | _        |
| 122  | <u> </u> |          | _            |          |          | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>   | -   |          | -        |          |              |            | _        | _        |            | 4  | _        | 4             |          |          |          |                | $\bot$       | _   | _                | _         | lacksquare      | _        | _        |
| 123  | <u> </u> | 21       | _            |          |          | _          | _        | _            | _  | $\dashv$  |          | <u> </u> | 71       |              |            |          | _        | _          | _  | _        | _             |          |          | 121      | _              | $\bot$       | <u> </u>  | <u> </u>         |           |                 | _        |          |
| 24     124     125     125     125     125     126     126     126     126     126     127     128     127     128     129     129     129     129     129     129     129     129     130     130     130     131     131     131     131     131     132     132     132     133     133     133     133     133     133     134     134     134     134     134     134     135     135     135     136     136     136     137     137     137     138     138     138     138     138     138     139     140     141     141     141     142     142     142     142     142     143     144     144     144     144     144     144     145     146     146     147     148     148     148     148     149     149     149     149     149     149     149     149     149     149     149   | <u> </u> |          | <u> </u>     | _        | _        | <u> </u>   | <u> </u> | <u> </u>     | _  | Ш   | _        |          |          | _            |            |          |          | _          | 4  | $\dashv$ | $\dashv$      | _        |          | 122      |                |              | ļ   | _                |           |                 | _        | _        |
| 25     75     125     126     126     127     126     127     127     128     127     128     127     128     129     129     129     129     130     130     130     130     131     131     131     131     132     132     132     132     133  |          |          | L            |          |          |            | _        | _            | L  | Ш   |          | -        |          | ļ.,,         | Щ          |          | _        | _          | _  | 4        | $\dashv$      |          | L        |          |                | _            |   | ╙                |           | Щ               | _        | _        |
| 26     76     126     127     128     127     128     127     128     129     129     129     129     129     130     130     130     130     130     130     131     131     131     131     132     132     132     133     133     133     133     133     134     134     134     134     134     134     134     135     135     136     136     137     138     137     138     138     139     139     140     140     141     141     141     142     142     142     143     144     144     144     144     144     144     144     144     145     146     147     148     148     148     148     149  | ļ        |          | L            | L.       |          | _          | _        | $\vdash$     |  |   | _        |          |          | $oxed{oxed}$ |            |          | _        | _          | _  | _        | 4             | _        | ļ.,      | 124      | $\bot$         | _            | <u> </u>  |                  |           |                 | _        |          |
| 27     28     77     128     128     128     128     128     129     129     130     130     130     130     130     130     130     131     131     131     132     132     132     133     133     133     133     133     133     133     133     133     133     134     134     134     135     135     135     135     135     136     136     136     136     137     137     137     138     138     138     138     139     140     141     141     141     141     141     141     141     141     142     142     142     143     144     144     144     144     144     144     145     145     146     146     147     147     147     148     148     149     149     149     149     149     149     149     149     149     149     149     149     149     149     149     149   |          |          | <u> </u>     |          |          |            |          | lacksquare   |  | _   | _        | <u> </u> | 75       | L_           |            |          | _        | _          | 4  | _        | _             |          | <b></b>  | 125      |                | $\bot$       | <u> </u>  | _                |           |                 | _        | _        |
| 28     78     128       29     80     130       30     81     131       32     82     132       33     83     133       34     84     134       35     85     135       36     86     136       37     87     137       38     88     138       39     89     139       40     90     140       41     91     141       42     92     142       43     93     143       44     94     94       45     95     145       46     96     146       47     98     149   |          |          |              |          | Ш        |            |          | $\vdash$     |  |   | _        |          |          | ļ            |            |          | _        | 4          | _  |          | _             | _        |          | 126      | $\perp$        | $\bot$       | <u> </u>  | L                |           |                 | _        | _        |
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| 31 32   33 34   35 86   37 88   39 88   40 90   41 91   42 92   43 94   44 95   46 96   47 97   48 98   146 99   147 98   148 99   144 144   49 99   146 146   49 99   |          |          |              | L        |          | _          | _        | _            |  |   | _        |          |          |              | <u> </u>   |          |          | _          | _  | _        | _             | _        | <u> </u> |          | _              | $\bot$       |   | _                | L         |                 | _        | _        |
| 32 82   33 132   34 133   35 85   36 86   37 87   38 88   39 88   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 149   |          |          | _            | Ш        | _        |            | <u> </u> | L.           |  |   | _        |          | 80       |              | Ш          |          |          | _          | _  | _        | _             | _        |          | 130      |                |              | _   |                  |           | Ш               | _        |          |
| 33 83   34 84   35 85   36 86   37 88   39 89   40 90   41 91   42 92   43 93   44 94   45 96   46 96   48 98   49 99  |          |          | _            |          |          |            |          |              |  |   | _        |          | 81       |              | <u> </u>   |          |          | _          | _  | _        | _             | _        |          |          | _              | $\bot$       | ļ   | <u> </u>         |           |                 | _        | i        |
| 34 84   35 85   36 86   37 87   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 96   46 96   47 98   48 99   49 149   | <u> </u> |          | <u> </u>     | Ш        | Щ        | _          | <u> </u> | _            |  |   | _        | <u> </u> |          | L.,          | Щ          |          | ļ        |            |  | _        | $\dashv$      | _        |          | 132      |                |              | <u> </u>  | <u>L</u> .       | Ш         | Ш               |          |          |
| 35 86   37 87   38 88   39 89   40 90   41 91   42 92   43 93   44 94   45 96   46 96   47 98   48 99   135 136   137 137   138 139   140 140   141 141   142 142   143 144   145 146   147 147   148 149  |          |          | <u> </u>     | Щ        | Щ        | _          | <u> </u> | _            | L-   |   | _        | <u> </u> |          |              | Щ          |          |          | _          | _  | _        |               | $\Box$   |          | 133      |                | _            | L   | <u> </u>         | Щ         | Ш               |          |          |
| 36   86   136     37   88   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149  |          |          | _            | Ш        | Ш        | $\vdash$   |          | <u> </u>     | Щ  | $\Box$  | $\dashv$ | <u> </u> | 84       | Щ            | Щ          |          |          | _          | _  | _        | $\dashv$      | _        |          | 134      | _              | _            | ┞   | $ldsymbol{oxed}$ | $\sqcup$  | Ш               | _        | _        |
| 37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149  | $\vdash$ |          | <u> </u>     | Ш        | Щ        | Щ          | <u> </u> | L.,          | Щ  |   | $\dashv$ | <u> </u> |          | Щ            | Щ          |          | _        | _          | 4  |          | _             | _        | <b></b>  | 135      |                |              | ـــ   | <u> </u>         |           | Ш               |          |          |
| 38   88     39   89     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   148   |          |          | ļ            | Ш        | Ш        | Щ          | L.,      | <u> </u>     |  |   | _        |          |          | <u> </u>     | Ш          |          | _        | _          | _  | 4        | $\dashv$      | _        | <u> </u> | 136      |                | ╄-           | <b>L</b>  | <u> </u>         |           | Ш               | _        |          |
| 39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149  | <u></u>  |          | <b> </b>     | $\sqcup$ | Щ        |            |          | <u> </u>     |  |   | _        | <u> </u> |          |              | Ш          |          | _        | _          | _  | _        | $\perp$       | _        |          |          |                | $\bot$       | $\perp$   | L                | Ш         | Ш               | [        |          |
| 40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99  | <u></u>  |          | $\Box$       | Ш        | Ш        | <u> </u>   |          | Щ.           | Ш  |   | _        | <u> </u> | 88       | Ш            | Ш          |          |          |            |  | _        | $\perp$       | _        | $\perp$  |          |                |              | 1_  | L                | Ш         | Ш               | _        |          |
| 41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99  | <u></u>  |          | <u> </u>     | Щ        | Щ        |            |          | $oxed{oxed}$ | Ш  |   | _        | <u> </u> |          | Щ            | L.I        |          |          | _          | _  | _        | $\perp$       | _        | $\perp$  | 139      |                | _            | _   | _                |           | Ш               |          |          |
| 42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99  | <u> </u> |          | _            | Ш        | Щ        | Щ.         | ldash    | <u> </u>     | Ш  | $\sqcup$  | _        | ļ        |          | Ш            | Щ          |          |          | _          | $\perp$  |          | _             | _        |          | 140      |                | 4_           | 1_  | <u> </u>         | Ш         |                 |          |          |
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| 44 94   45 95   46 96   47 97   48 98   49 148   99 149  |          |          | _            | Ш        |          |            |          |              | Ш  |   |          |          |          |              |            |          |          |            |  |          | $\perp$       |          |          |          |                |              |   | L                |           |                 | I        | ]        |
| 45 95   46 96   47 97   48 98   49 99  |          | 43       | L_           | Ш        |          |            | Ш        | L            | Ш  |   | _        |          | 93       | Ш            |            |          | $\sqcup$ | $_{\perp}$ | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | $\perp$  | $\perp$       |          |          | 143      |                |              | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | L                | $\square$ |                 |          |          |
| 46 96   47 97   48 98   49 148   |          |          | L            | Ш        |          |            | Щ        | Ш            | Ш  |   |          |          |          | Ш            | Ш          | _        | $\perp$  |            | _  | [        |               | _        |          |          |                |              | <u> </u>  | L                |           |                 |          |          |
| 47 97   48 98   49 99  |          |          |              | Ш        |          |            |          |              |  |   | _        |          |          | $\square$    | oxdot      | $\Box$   |          |            | $\Box$   | $\Box$   |               |          |          |          |                |              | $\perp$   |                  |           |                 |          |          |
| 48 98   49 99  |          | 46       |              |          |          |            | L        |              | Ш  | ot  |          |          |          |              |            | ]        |          |            |  |          |               |          |          | 146      |                |              |   |                  |           |                 |          |          |
| 49 99 149  | L        | 47       |              | Ш        |          |            |          | Ш            | Ш  |   | $\perp$  |          |          | لــــا       |            | ]        | $\Box$   | [          |  | $\bot$   |               |          |          | 147      | $\perp \Gamma$ |              |   |                  |           |                 |          |          |
|  |          |          |              |          |          |            |          | Ш            |  |   |          |          | 98       |              |            |          |          |            |  |          |               |          |          | 148      |                |              |   |                  |           |                 |          |          |
|  |          | 49       |              | Ш        |          |            | Ш        | Ш            | Ш  |   |          | L        | 99       |              |            |          |          |            |  |          |               | _        |          | 149      | $\Box \Gamma$  |              | L   | Ĺ                |           |                 |          |          |
| <del></del>  |          | 50       |              |          |          |            |          | لِـــا       | Ш  | $oldsymbol{ol}}}}}}}}}}}}}}}$ |          |          | 100      |              |            |          |          |            |  |          | $\Box$        |          |          | 150      |                | $oxed{oxed}$ |   |                  |           |                 |          |          |